

Refine Search

Search Results -

Terms	Documents
L1 and (context same (state or mode))	6

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Refine Search
Recall Text
Clear
Interrupt

Search History

DATE: Wednesday, April 05, 2006 [Printable Copy](#) [Create Case](#)

<u>Set</u>	<u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
	side by side			result set
	DB=PGPB; PLUR=YES; OP=OR			
<u>L2</u>	L1 and (context same (state or mode))		6	<u>L2</u>
<u>L1</u>	(wireless adj1 communication\$1) same ((mobile or portable) adj1 computer) same ((base or dock\$3) adj1 station)		233	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (context same (state or mode))	6

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
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Search:

L3	<input type="button" value="Refine Search"/>
<input type="button" value="Recall Text"/> <input type="button" value="Clear"/> <input type="button" value="Interrupt"/>	

Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>			
<u>L3</u>	L1 and (context same (state or mode))	6	<u>L3</u>
<i>DB=PGPB; PLUR=YES; OP=OR</i>			
<u>L2</u>	L1 and (context same (state or mode))	6	<u>L2</u>
<u>L1</u>	(wireless adj1 communication\$1) same ((mobile or portable) adj1 computer) same ((base or dock\$3) adj1 station)	233	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (context same (state or mode))	0

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Database:

Search:

L4

[Refine Search](#)

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Set
Name Query
side by
side

<u>Hit</u>	<u>Set</u>
<u>Count</u>	<u>Name</u>
	result set

DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

0 : 14

L4 L1 and (context same (state or mode))

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

6 L3

L3 L1 and (context same (state or mode))

DB=PGPB; PLUR=YES; OP=OR

L2 L1 and (context same (state or mode))

6 L2

L1 (wireless adj1 communication\$1) same ((mobile or portable) adj1 computer) same
((base or dock\$3) adj1 station)

233 11

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(361/683 361/684 361/685 361/686 710/300 710/301 710/302 710/303 710/304 710/104 712/228 713/1 713/2 713/100 713/323).ccls.	12309

Database:	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
Search:	<input type="text" value="L5"/>
	<input type="button" value="Refine Search"/>
	<input type="button" value="Recall Text"/> <input type="button" value="Clear"/> <input type="button" value="Interrupt"/>

Search History

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Set	Name	Query	Hit Count	Set
side by side				result set
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>				
<u>L5</u> 710/300-304,104;712/228;713/1,2,100,323;361/683-686.cccls.			12309	<u>L5</u>
<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>				
<u>L4</u> L1 and (context same (state or mode))			0	<u>L4</u>
<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</i>				
<u>L3</u> L1 and (context same (state or mode))			6	<u>L3</u>
<i>DB=PGPB; PLUR=YES; OP=OR</i>				
<u>L2</u> L1 and (context same (state or mode))			6	<u>L2</u>
<i>L1 (wireless adj1 communication\$1) same ((mobile or portable) adj1 computer) same ((base or dock\$3) adj1 station)</i>			233	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and L5	3

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Clear

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Search History

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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u>
side by side		result set	
<u>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</u>			
<u>L6</u> l1 and L5		3	<u>L6</u>
<u>L5</u> 710/300-304,104;712/228;713/1,2,100,323;361/683-686.ccls.		12309	<u>L5</u>
<u>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</u>			
<u>L4</u> L1 and (context same (state or mode))		0	<u>L4</u>
<u>DB=PGPB,USPT,USOC; PLUR=YES; OP=OR</u>			
<u>L3</u> L1 and (context same (state or mode))		6	<u>L3</u>
<u>DB=PGPB; PLUR=YES; OP=OR</u>			
<u>L2</u> L1 and (context same (state or mode))		6	<u>L2</u>
<u>L1</u> (wireless adj1 communication\$1) same ((mobile or portable) adj1 computer) same ((base or dock\$3) adj1 station)		233	<u>L1</u>

END OF SEARCH HISTORY

EAST - [Untitled1:1]

File View Edit Tools Window Help

- X
E X

- Drafts
- Pending
- Active

L1: (186) (wireless adjl communication\$1) same

L2: (6) ll and (context state or mode)

Failed

Saved

Favorites

Tagged (0)

UDC

Queue

Trash

Search | Reset | Advanced | Options | Help

DBs: USPA

Default operator: OR

Plurals

Highlight all hit terms initially

Custom | ISAP form | Image | Text | HTML

Type	L #	Hits	Search Text	DBs	Time	Stamp	Comment	Error	Definit	Ex:
1 BRS	L1	186	(wireless adjl communication\$1) same	USPA	2006/04/0					
2 BRS	L2	6	ll and (context same (state or mode))	T	5 14:17	USPA	2006/04/0	T	5 14:17	

EAST - [Untitled1:1]

File View Edit Tools Window Help

Back Forward Stop Refresh Home

- Drafts
- Pending
- Active
 - L1: (186) (wireless ad)
 - L2: (6) 11 and (context same (state or mode))
- Failed
- Saved
- Favorites
- Tagged (0)
- UDC
- Queue
- Trash

Search

DBS USPAT

Default operator: OR

Plurals

Highlight all hit items initially

11 and (context same (state or mode))

◀ ▶

U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XR
1	<input type="checkbox"/>	US 6952571	20051004	15	Digital signal processor update of sin	455/226.2	455/343.1;
		B1			processor update of sin		455/343.2;
2	<input type="checkbox"/>	US 6920637	20050719	17	Method and apparatus for implementing alerts	719/318	455/412.2;
		B2			for implementing alerts		455/95;
3	<input type="checkbox"/>	US 6901276	20050531	12	Direct digital signal processor control of mu	455/574	370/311;
		B1			processor control of mu		455/343.2;
4	<input type="checkbox"/>	US 6861980	20050301	16	Data messaging efficiency for an assis	342/357.06	701/213
		B1			efficiency for an assis		
5	<input type="checkbox"/>	US 6690364	20040210	18	Method and system for on screen text correcti	345/173	345/179
		B1			on screen text correcti		
6	<input type="checkbox"/>	US 5745850	19980428	17	Apparatus and method for mobile (e.g. cellul	455/417	455/420;
		A			for mobile (e.g. cellul		455/567

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Your search matched 2 of 1335860 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

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x Key

Display Format: Citation Citation & Abstract

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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Arkin, R.C.; MacKenzie, D.;
Robotics and Automation, IEEE Transactions on
Volume 10, Issue 3, June 1994 Page(s):276 - 286
Digital Object Identifier 10.1109/70.294203
[AbstractPlus](#) | Full Text: [PDF\(1356 KB\)](#) [IEEE JNL](#)
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 2. **The role of vision for underwater vehicles**

Santos-Victor, J.; Sentieiro, J.;
Autonomous Underwater Vehicle Technology, 1994. AUV '94. Proceedings of the 1994 Symposium on
19-20 July 1994 Page(s):28 - 35
Digital Object Identifier 10.1109/AUV.1994.518603
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Temporal coordination of perceptual algorithms for mobile robot navigation

Arkin, R.C. MacKenzie, D.

Mobile Robot Lab., Georgia Inst. of Technol., Atlanta, GA, USA;

This paper appears in: [Robotics and Automation, IEEE Transactions on](#)

Publication Date: June 1994

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Abstract

A methodology for integrating multiple perceptual algorithms within a reactive robotic control system is presented. A model using finite state acceptors is developed as a means for expressing perceptual processing over space and time in the context of a particular motor behavior. This model can be utilized for a wide range of perceptual sequencing problems. The feasibility of this method is demonstrated in two separate implementations. The first is in the context of mobile robot docking where the mobile robot uses four different vision and ultrasonic algorithms to position itself relative to a docking workstation over a long-range course. The second uses vision, IR beacon, and ultrasonic algorithms to park the robot next to a desired plastic pole randomly placed within an arena

Index Terms

Inspec

Controlled Indexing[computer vision](#) [computerised navigation](#) [mobile robots](#) [path planning](#)**Non-controlled Indexing**[IR beacon](#) [docking](#) [finite state acceptors](#) [mobile robot navigation](#) [perceptual algorithms](#) [perceptual processing](#)
[perceptual sequencing problems](#) [reactive robotic control system](#) [temporal coordination](#) [ultrasonic algorithms](#) [vision algorithms](#)**Author Keywords**

Not Available

References

No references available on IEEE Xplore.

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- 1 Decision-theoretic cooperative sensor planning, Cook, D.J.; Gmytrasiewicz, P.; Holder, L.B. *Pattern Analysis and Machine Intelligence, IEEE Transactions on* On page(s): 1013-1023, Volume: 18, Issue: 10, Oct 1996
[Abstract](#) | [Full Text: PDF \(1252\)](#)
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[Abstract](#) | [Full Text: PDF \(320\)](#)
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[Abstract](#) | [Full Text: PDF \(3542\)](#)
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